

Figure 1

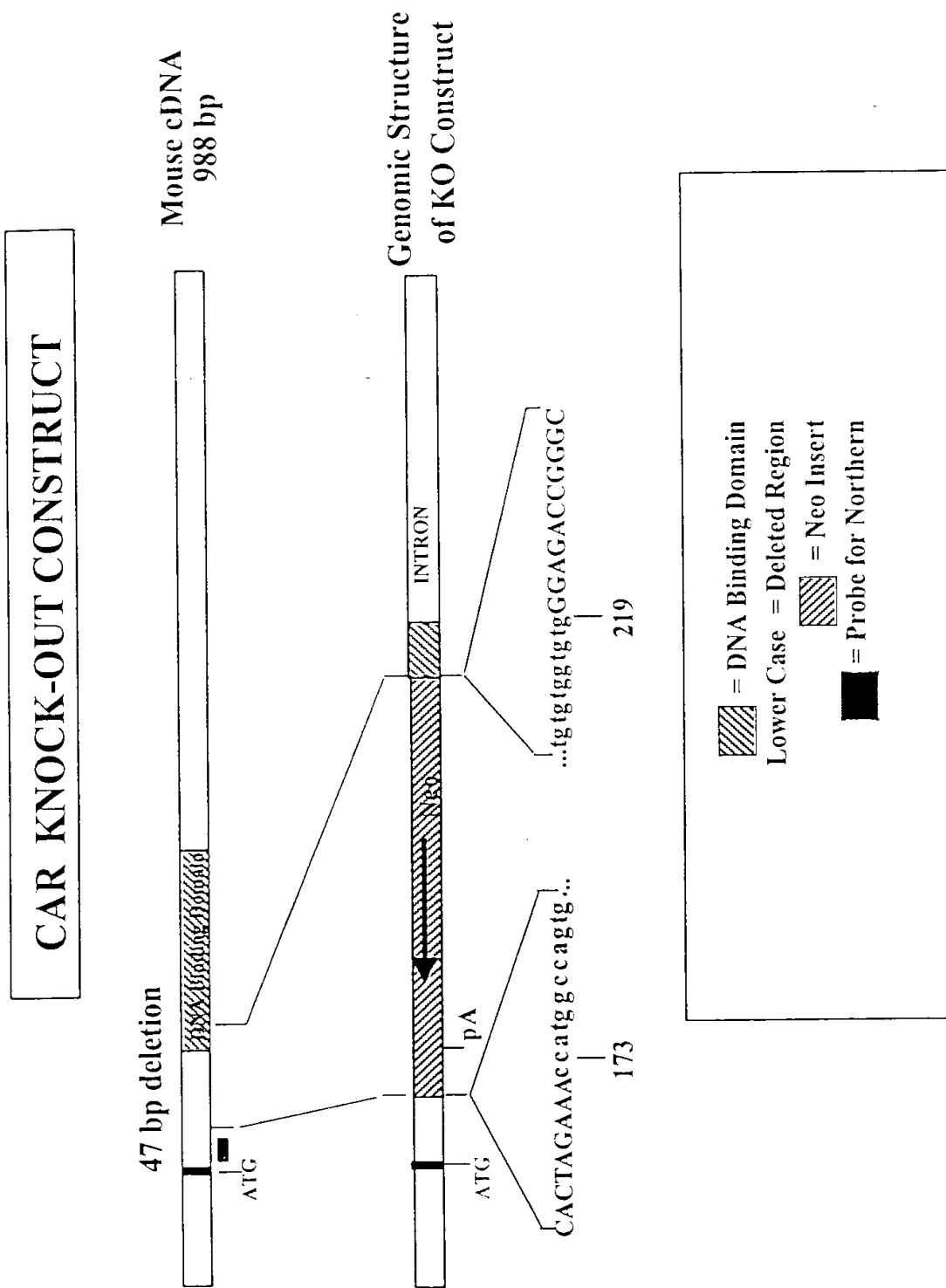


FIGURE 2

Section A.

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.....aaaatttacccaacatagatttatctaatgtaattctctatctgcagaacatccaaatactttggaaattattnttgtggtttagctgtttgaat
gtaaacatataattcaaaaaaaccttcatggtgatgtagcattgggcaagctatgaggatacctacttctggttattactaaaagttgatagcca
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tgtgatgtttatcacaatagaaagc.....

Section B.

[illegible]

Section C.

[illegible]

5 β -Pregnan-3,20-dione is an
hCAR Agonist

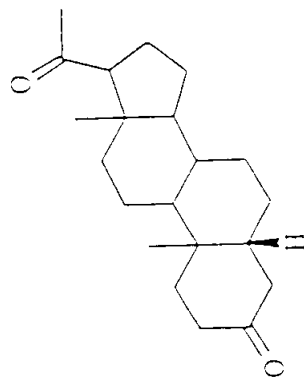
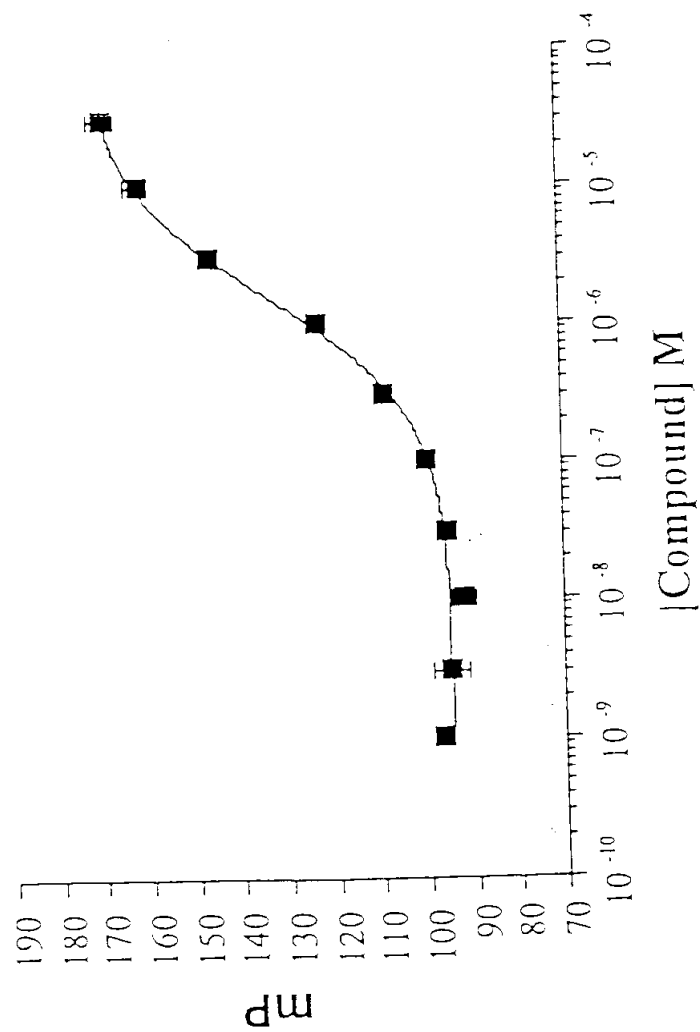
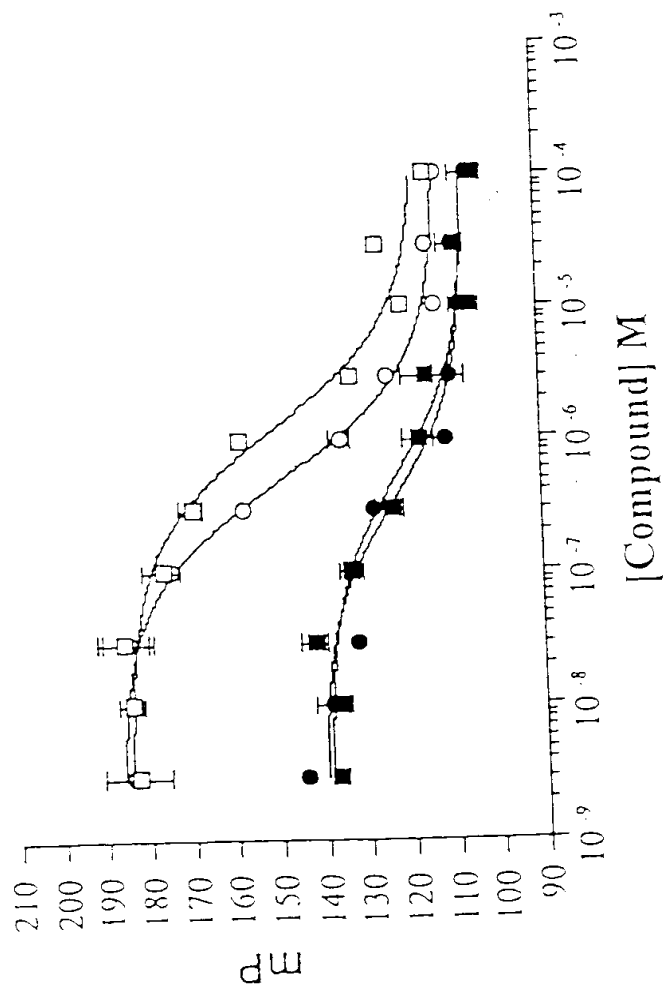


Figure 3

Figure 4

Androstanes are hCAR
Antagonists



IC₅₀

□ 5α-Androst-16-en-3 α-ol +
5 μM 5 β-Pregnan-3,20-dione

1.2 μM

○ 5α-Androstan-3 α-ol +
5 μM 5 β-Pregnan-3,20-dione

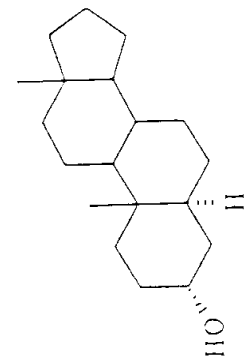
480 nM

■ 5α-Androst-16-en-3 α-ol

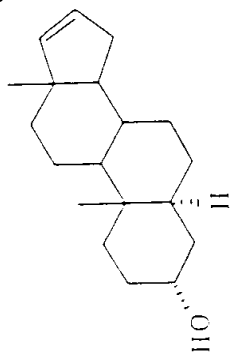
530 nM

● 5α-Androstan-3 α-ol

340 nM



5α-Androstan-3α-ol



5α-Androst-16-en-3α-ol

FIGURE 5

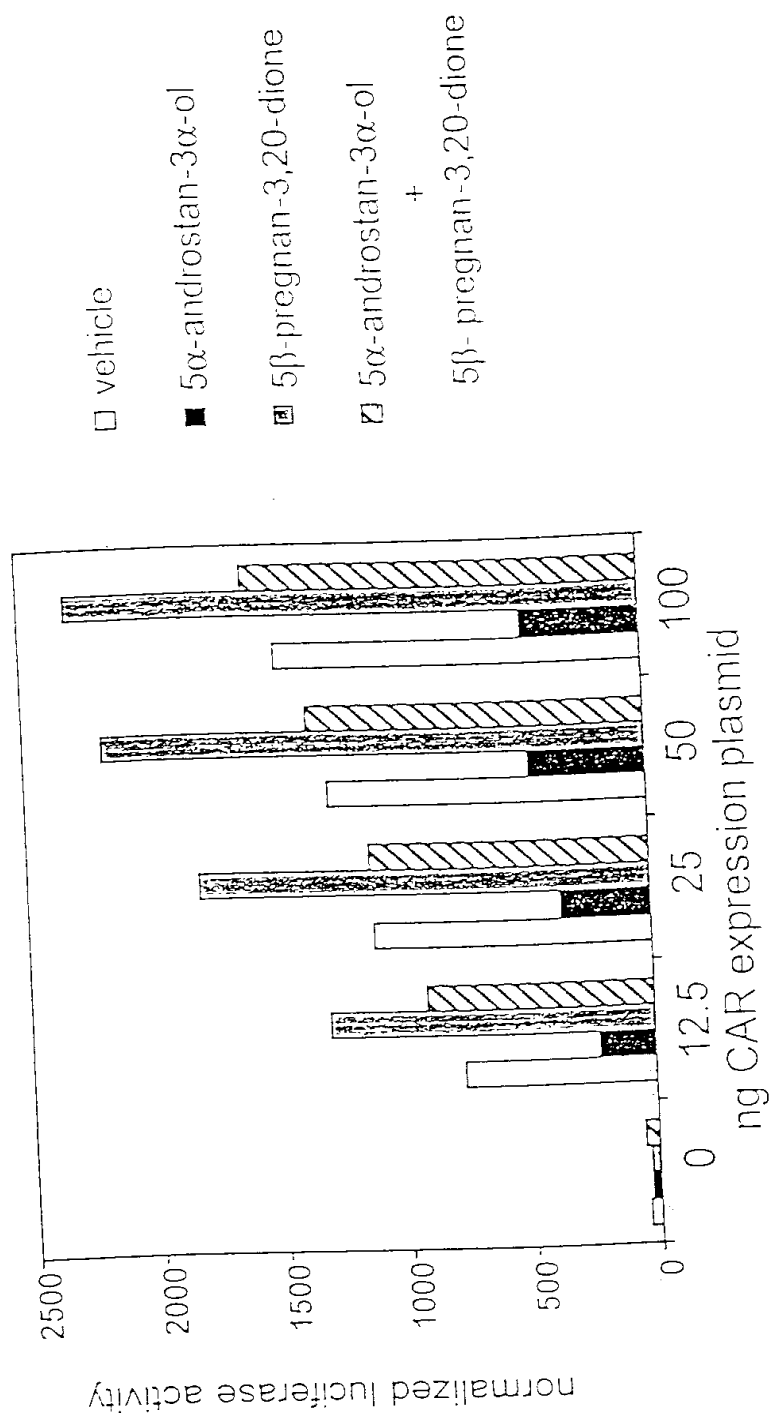
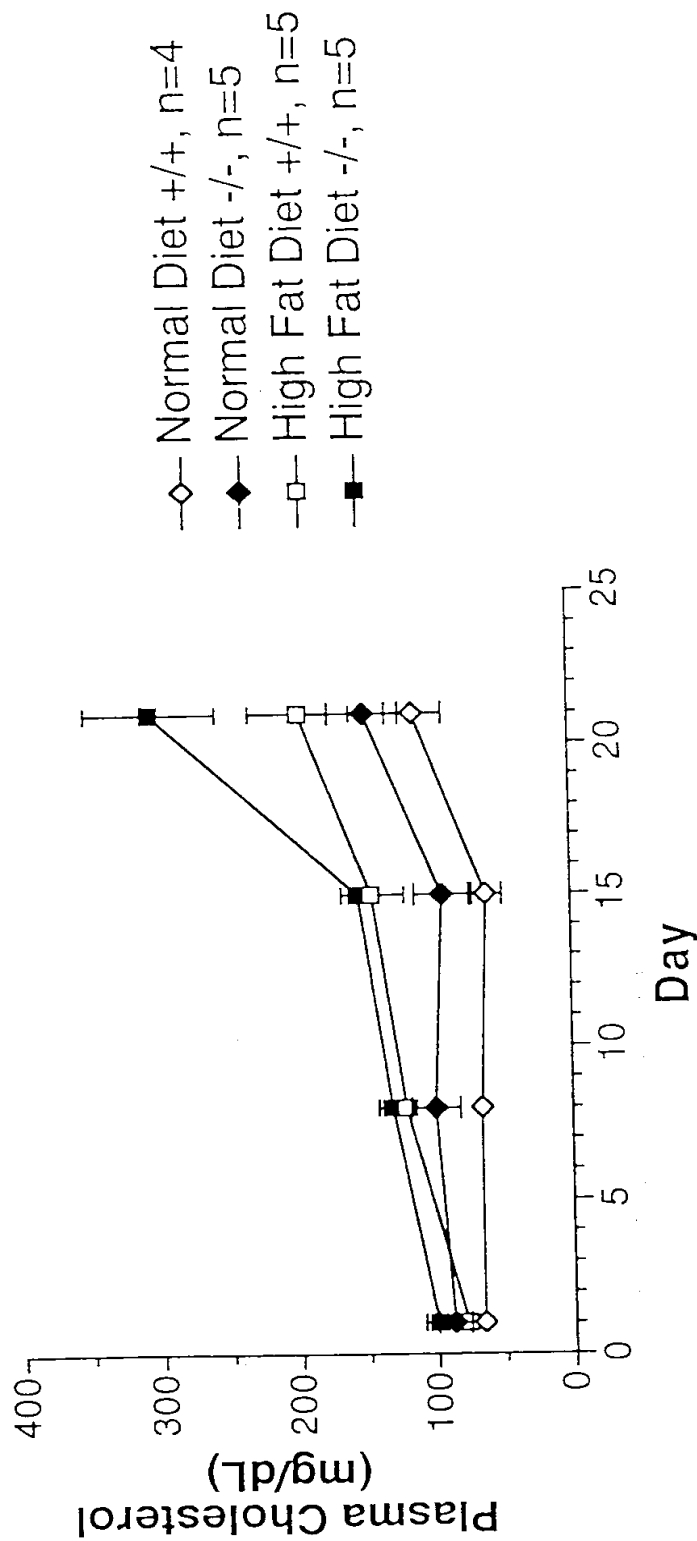


FIGURE 6



Normal diet = Picolab 5053 (containing 4% fat)

High Fat diet = Picolab 5053 (containing 1.25% cholesterol and 10% fat)

FIGURE 7

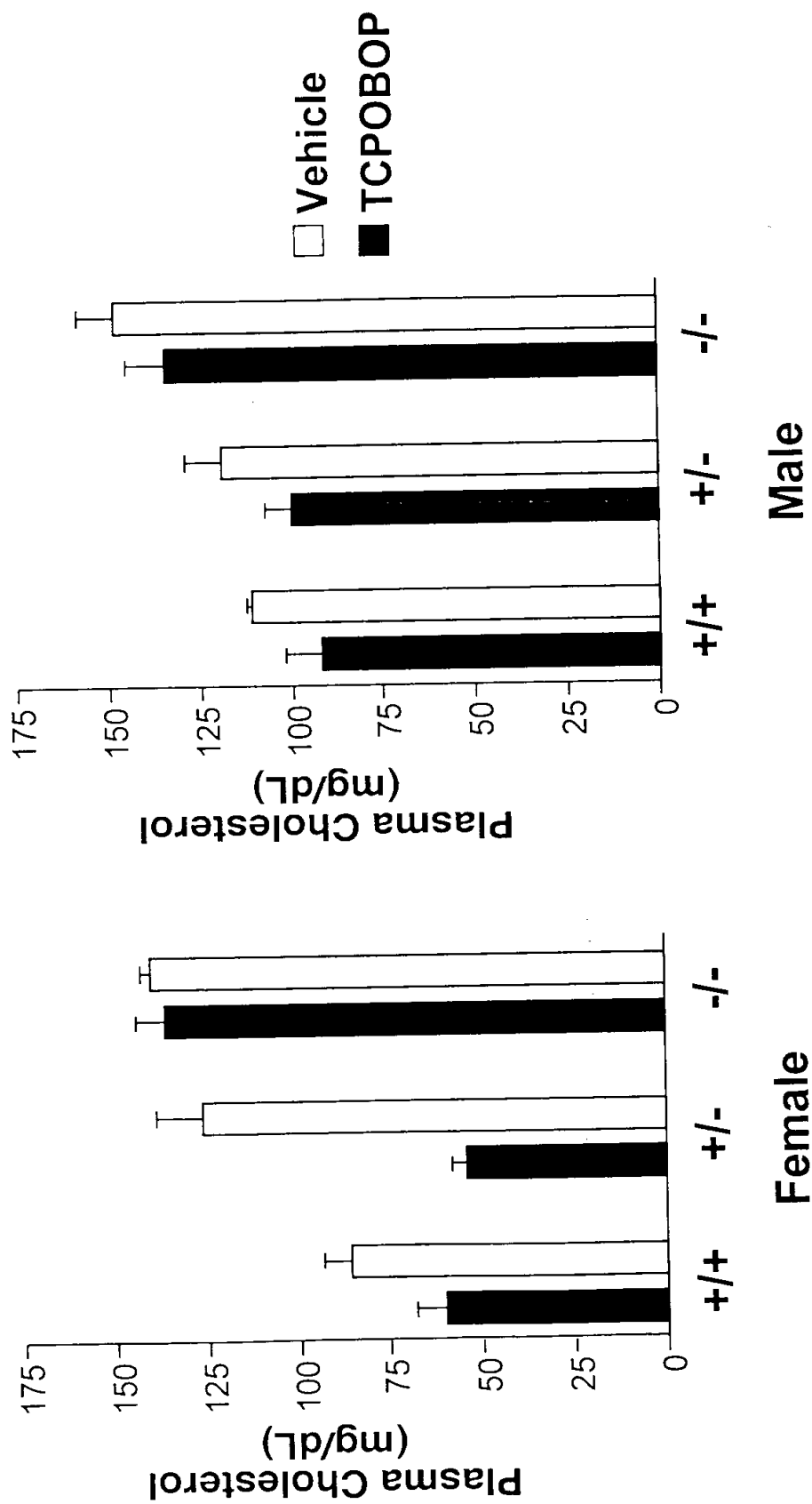


FIGURE 8

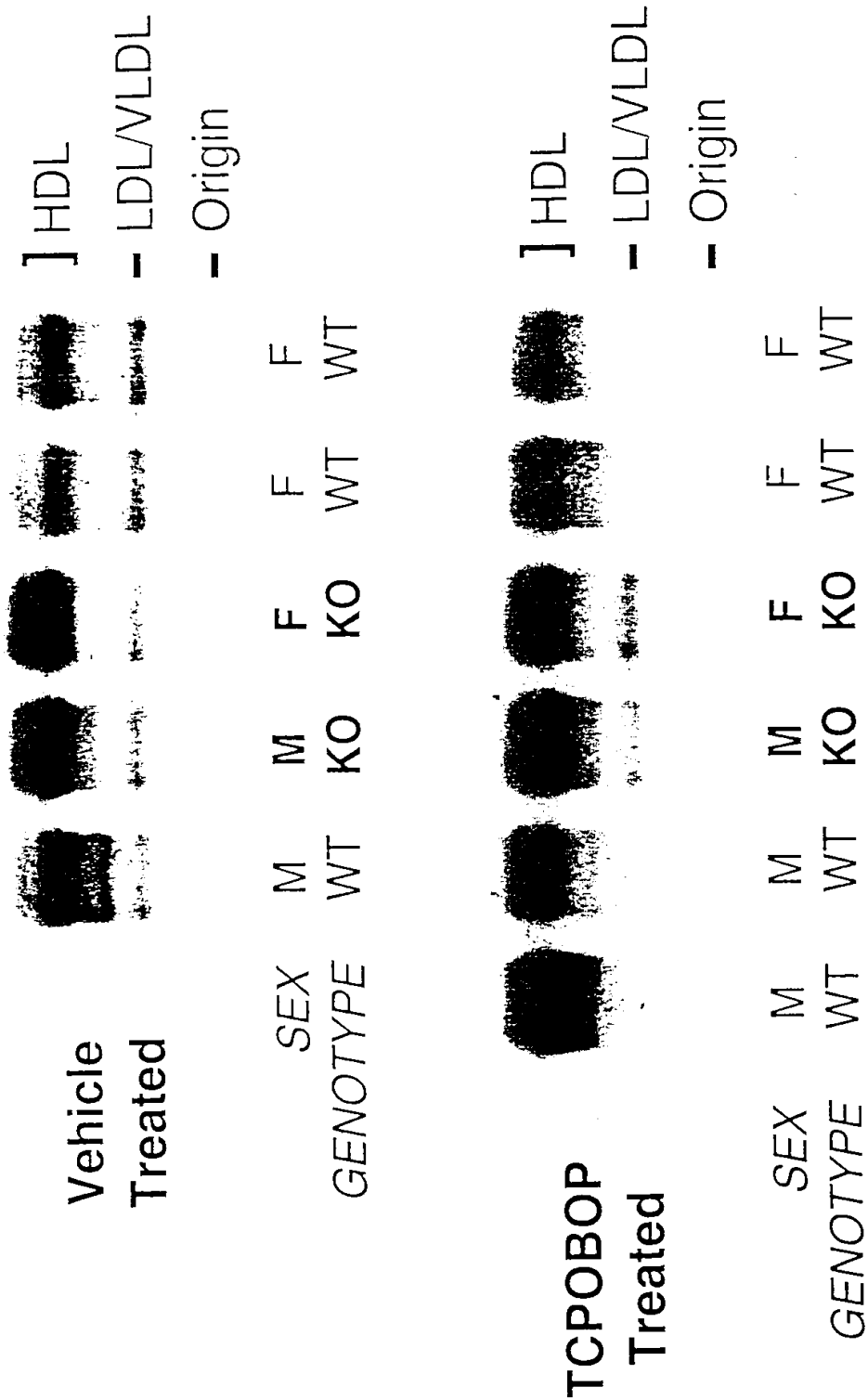


FIGURE 9

